



PTO/SB/21 (02-04)

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/099,823        |
| Filing Date            | February 13, 2002 |
| First Named Inventor   | Grutta, et al.    |
| Art Unit               | 1732              |
| Examiner Name          | M.D. Vargot       |
| Attorney Docket Number | 11943.12          |

**ENCLOSURES (Check all that apply)**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input checked="" type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |                                        |
|-------------------------|----------------------------------------|
| Firm or Individual name | Kenneth E. Horton<br>Kirtan & McConkie |
| Signature               |                                        |
| Date                    | September 7, 2004                      |

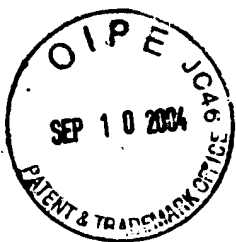
**CERTIFICATE OF TRANSMISSION/MAILING**

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|-----------------------|--------------|------|-------------------|
| Typed or printed name | JoAnn Bawden |      |                   |
| Signature             |              | Date | September 7, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application:  
Grutta et al.

Serial No.: 10/099,823

Filed: February 13, 2002

For: RESISTIVE-HEATED COMPOSITE  
STRUCTURAL MEMBERS AND  
METHODS AND APPARATUS FOR  
MAKING THE SAME

Confirmation No.: 2707

Group Art Unit: 1732

Examiner: Vargot, Mathieu D.

Mail Stop Final Response  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND REQUEST FOR RECONSIDERATION**  
**UNDER 37 C.F.R. §§ 1.111 & 1.116**

In response to the final Office Action dated July 6, 2004, Applicant respectfully requests reconsideration of this application in light of the following amendments and remarks. This response is filed within two months of the issuance of the final Office Action since September 6, 2004, was a federal holiday.

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Signed: \_\_\_\_\_